TO ARCHITECTS, BUILDERS, CONTRACTORS, &c.

HARTLEY'S PATENT ROUGH PLATE GLASS,

One-eighth of an inch thick, weighing two pounds to the foot, for

RIDGE AND FURROW ROOFS, GREENHOUSES, RAILWAY STATIONS, ENGINE SHEDS, MILLS, MARKET HALLS, AND PUBLIC BUILDINGS GENERALLY.

SPECIMENS TO BE SEEN AT THE EXHIBITION, in the extreme south-eastern end of the building, adjoining the United States department.

It being universally admitted that Glass in Roofs of a [illegible] character should not be less than one-eighth of an inch thick, weighing two pounds to the foot, whilst any greater thickness [illegible] weight is unnecessary, tending only to additional expense, JAMES HARTLEY and CO. have directed their attention to the manufacture of a description of

ROUGH PLATE GLASS THAT COMBINES SIZE AND STRENGTH WITH ECONOMY OF COST.

The PATENT ROUGH PLATE, one-eighth of an inch thick, or two pounds to the foot, is manufactured in sizes expressly for Ridge and Furrow Roofs 60 by 18 inches, thus giving a span of [illegible] at a price not exceeding weight for weight that of common [illegible] Glass.

Not being transparent, blinds are unnecessary, and [illegible] used in Green houses no scorching occurs; the NONTRANSPARENCY and strength renders it eminently suitable for the Glazing of Conservatories and Roofs of all kinds; also Factories, Workshops, [illegible]

For further information apply to any respectable Glass [illegible] or to the Manufacturers, Messrs. JAMES HARTLEY and CO., Wear Glass Works, Sunderland.

N.B.—The Patent Rough Plate is also manufactured [illegible] and ¼ inch thick, and can be supplied at a much lower cost than the common Rough Plate.—May 1, 1851.

THOMAS MILLINGTON begs to [illegible] BUILDERS and the Trade that he can supply [illegible] FOREIGN and ENGLISH WINDOW GLASS, Plain and [illegible] of every description. ROUGH PLATE GLASS from [illegible] inch thick. Glass Partition Shades, &c. &c. White Lead, [illegible] Colours, Oils, Varnishes, Brushes, &c.; Milled and Sheet Lead, Lead Pipes from ½ inch to 4 inches bore; Solder, Water [illegible] Beams, Plumbers' and Brass Work of every description, [illegible] upon the very best terms. Glass Ornament Shades Milk pans, [illegible] painting and Bee Glasses.—Address, 67, Bishopsgate-street Within. See Advertisement, Saturday, June 28, 1851.

SOHO GLASS WAREHOUSE, 26, SOHO SQUARE.—ALFRED GOSLETT begs to inform Architects, Builders, and the trade generally, that he is prepared to [illegible] contracts for the following descriptions of Glass upon application:—BRITISH PLATE GLASS, of the finest colour and finish; PATENT PLATE GLASS; ORNAMENTAL GLASS of all descriptions; COLOURED GLASS; ROUGH PLATE GLASS, ¼, ⅜, ½, and ¾ inch thick; PATENT ROLLED ROUGH PLATE, ¼ and ½ inch thick; CROWN, SHEET, and HORTICULTURAL GLASS, cut to size and glazed, or in crates, as may be required; BELGIAN SHEET GLASS, in cases containing 200 feet each case included, at 8l. 2s. per case.

E. and W. H. JACKSON beg to call the attention of Builders and the Trade to the LOW PRICES of their PATENT PLATE GLASS, BRITISH PLATE GLASS, and for glazing, of unrivalled quality and finish; ROUGH, CROWN, SHEET, COLOURED, and ORNAMENTAL GLASS, in every variety, of the best manufacture, at the lowest prices. Designs and estimates furnished for ornamental windows, suitable for houses or church decorations. All applications for prices and list of prices to be made at their warehouse, [illegible] FORD-STREET.

CHEAP ORNAMENTAL GLASS.—I beg to inform my friends and the public, that I have completed a new ENGINE, and, owing to the facility with which I can execute orders, I am enabled to reduce my former prices considerably. The prices are now from ONE SHILLING PER FOOT SUPERF. and borders from SIXPENCE PER FOOT RUN. A large quantity of the cheapest patterns always in stock. Embossed and painted work on the most moderate terms.—CHARLES [illegible] No. 1, King-street, Baker-street, Portman-square.—Observe [illegible]

THE ST. HELEN'S CROWN, SHEET, and PLATE GLASS COMPANY, ST. HELENS, LANCASHIRE, manufacturers of all kinds of blown window glass, patent plate, glass shades and ornamental glass; also church, mansion, and other windows, in the modern and ancient styles and methods, of upwards of a single plate of glass, which may be seen for domes, &c. as exhibited at the present Exposition.

Particulars may be obtained from all respectable glass [illegible]

PATENT and BRITISH PLATE GLASS.—JAMES HETLEY and Co. beg to inform Architects, Builders and the Trade generally, that their new Tariff of Prices for the above will be sent on application; they will also [illegible] receipt of particulars, furnish Estimates for any description of [illegible] now manufactured.—Patent Plate, Sheet, Crown, and Ornamental Window Glass Warehouse, 23, Soho-square, London.

GLASS WATER PIPES.—Messrs. COATHUPE and CO., Crown and Sheet Glass manufacturers, Nailsea, near Bristol, beg to inform Engineers [illegible] that they are supplying Glass Pipes, with their joints, [illegible] to 4 inches bore, capable of sustaining very great atmospheric pressure, in lengths from 3 to 7 feet, the lengths being [illegible] the diameters increase. These pipes may be seen at the [illegible] with their various forms and modes of jointing in Rec. 21; and reference can be given of their great utility in localities where they have been successfully employed. The great advantage of glass pipes for the conveyance of pure water over all metallic substances has been too largely dwelt upon by medical and scientific authorities to require any further comment.

PAPER HANGINGS, by E. T. ARCHER'S patented Machine, Blocks, Cylinders, and Art-labour, at his Manufactory, for all kinds of papers adapted for internal decorations. PANELLED DECORATION fitted upon the walls of the extensive Show Rooms, in every known style, and for all purposes, by artists of known merit.

Always on hand a CHOICE and EXTENSIVE SELECTION of FRENCH PAPERS, from the best manufacturers in France.

Attached to the paper-hanging factory there is the finest establishment of CABINET FURNITURE in London, of the best make, and upholstery goods of the first fabric. Brussels carpet, 2s. 4d. per yard. Door cloths, the best that can be made, [illegible] to any dimensions, 2s. 2d. per yard, silk and worsted curtains, of the finest fabric, 5 feet wide, 4s. per yard, at

E. T. ARCHER'S, 451, Oxford-street.

TWENTY THOUSAND PIECES OF PAPER HANGINGS always in stock, in the most new designs.—Satin-striped paper, from 4½d. to 12d. per yard; elegant satin drawing-room paper, from 9½d. to 12d. per yard; [illegible] and crimson flock for dining-rooms and libraries, from 6d. to [illegible] per yard; panel decorations in gold and flock, from 6d. to 12d. per yard. A great variety of hall and bed-room papers at reduced prices. Parties out of the town can be supplied by applying per post to W. REDKIN'S, manufacturer, 41, Fenchurch-street, London, clear of all charges. W. H. Kipps, Merchants trading to the colonies supplied on the most liberal terms.

FIRES EXTINGUISHED by PHILLIPS'S PATENT FIRE ANNIHILATOR MACHINES.

1. Fire at the warehouse of the Imperial Patent Waterproof Company, Manchester, extinguished by use of machines kept on the premises.

2. 20,000l. worth of pictures and other valuable property preserved at the recent destructive fire at the Thames-bank Depository, by use of a machine fetched from a shop a mile off, and used when the fire had been raging upwards of three hours.

3. A fire at a grocer's on the ground floor, and a fire at a pawnbroker's on the third floor, extinguished by firemen belonging to the Fire Annihilator Company, while temporarily stationed at Manchester Fire Brigade.

There is reason to believe that the fire which destroyed 100,000l. or 120,000l. worth of property last Monday at London-bridge, and which was only a repetition of what had occurred in the same vicinity a few months before, might very probably have been immediately extinguished at the previous cost of 5l. for a machine which has long been made known and [illegible]—Times City Article, 27th June, 1851.

Full particulars of the above may be obtained of the secretary, at the office of the Company, 165, Leadenhall-street, City. Prices of the machines 2l. 2s., 3l. 3s. and 5l. 5s. Large portable machines and engines of extinguishing power to order.

CHEAP AND DURABLE ROOFING.

By Her Majesty's Royal Letters Patent.

F. McNEILL and Co., of Lamb's-buildings, Bunhill-row, London, Manufacturers only Patentees of

THE PATENT ASPHALTED FELT, FOR ROOFING HOUSES, VERANDAHS, SHEDS, &c.,

Patronised by

HER MAJESTY'S WOODS AND FORESTS,
HER MAJESTY'S COMMISSIONERS OF CUSTOMS,
HONOURABLE EAST-INDIA COMPANY,
HONOURABLE BOARD OF ORDNANCE,
HER MAJESTY'S ESTATE, ISLE OF WIGHT,
ROYAL BOTANICAL GARDENS, REGENT'S PARK.

And by the most eminent members of the Royal Agricultural Society of England, Scotland, and Ireland; at whose great annual shows it has been exhibited, and OBTAINED THE PRIZE, for being the best and cheapest article for roofing; also gained the prize at the Royal Agricultural Society's House, in Hanover-square. Its advantages are lightness, warmth, durability, and economy. It is impervious to rain, snow, and frost, and is now conducted of best and sound. The Felt can be cut to any length, by 32 inches wide. The price is only ONE PENNY PER SQUARE FOOT.

Applying it, with TESTIMONIALS, some of them of seven years' experience, from Architects, Builders, Noblemen, and Gentlemen, who have extensively used it, sent free to any part of the town or country. A Dry-hair Felt, for covering Boilers, &c., is also manufactured, by which a saving of about 25 per cent. in fuel is effected. The TRADE are respectfully explained to send their orders DIRECT to the FACTORY, as the surest means of being supplied with the genuine article, and in lengths best suited to the roofs. They are likewise CAUTIONED AGAINST MISREPRESENTATION, as the only works in Great Britain where the asphalted roofing is made are F. McNEILL and Co.'s Manufactories, LAMB'S BUILDINGS, BUNHILL ROW. Roofs covered with the felt may be seen at the Factory, also the new Vice-Chancellor's Courts, the passages and offices leading to Westminster Hall, and other buildings at the New Houses of Parliament.—A Liberal Discount allowed to the Trade.

TO DRAUGHTSMEN AND CIVIL ENGINEERS.

H. MORRELL, BLACK LEAD PENCIL MANUFACTURER, No. 149, Fleet-street, London.

These Pencils are prepared in various degrees of hardness and shades.

H H H H for drawing on wood.	F F light and shading.
H H H for architectural use.	F for general use.
H H for engineering.	B black for shading.
H for sketching.	B B ditto ditto.
H B hard and black for drawing.	B B B ditto ditto.
M medium.	B B B B ditto ditto.

Sold by all the principal Stationers in town or country.

E. WOLFF & SONS' newly-invented CRETA LÆVIS, or PERMANENT DRAWING CHALKS, in cedar, in every variety of colour.—E. WOLFF and SONS beg to state that they have, by the introduction of great improvements in their CRETA LÆVIS, enabled it to be used the same as the ordinary pencils; and effects and now be produced equal to water-colour drawings, without the use of water or any other fluid; the various colours blending together with perfect harmony, beauty, and richness. It can be cut to a fine point, and is thus capable of giving a very delicate outline. For sketching from Nature, the great advantages resulting from the adoption of the CRETA LÆVIS must be obvious, as, without the use of water, palette, brushes, &c., all the various tints can be obtained with a truthfulness that cannot be surpassed, and by their compact form may be carried any distance without the slightest inconvenience; thus superseding every other method in general use. The drawings may be carried in a portfolio with safety, as, unlike other crayons, they will neither rub off nor suffer injury by coming in contact with the usual contents of a portfolio. The CRETA LÆVIS, unlike the indelible or wax crayons, WILL NOT BE AFFECTED BY HEAT OR CHANGE OF CLIMATE.

E. WOLFF and SONS' IMPROVED CRAYON PAPER is the best for the CRETA LÆVIS. To be had of all Artists' Colourmen and respectable Stationers, in leather boxes, containing sets of 12, 18, 24, 36, 48.—A Pattern Card, containing the whole of the shades and colours of the CRETA LÆVIS, with their names and numbers attached to each shade, price 1s. each. CAUTION.—As there are several spurious imitations, it is necessary to observe that every Pencil is stamped, "CRETA LÆVIS, E. WOLFF and SONS," London, with name of the colour.—Creta Lævis Drawings lent to copy at C. E. CLIFFORD'S, 20, Piccadilly.

Manufactory, 23, Church-street, Spitalfields, London.

TO ARCHITECTS.

COMPETITION and OTHER DRAWINGS.—Mr. THOMAS G. BOYS, Member of the New Society of Painters in Water Colours, and author of "The Picturesque Architecture of Paris, Ghent, Rouen, &c.," and of "Lithotint," in 12 vols., offers his services in Tinting Backgrounds, Landscapes, Perspective Views, Interiors, &c. From the long experience he has had in such subjects, he is fully aware of the points essentially necessary to be attended to. Drawings and designs lithographed in a superior manner.—Address, Mr. BOYS, 34, Albany-street, Regent's-park.

DECORATIVE PAINTING.—Mr. FREDERICK SANG, from the Royal Academy of Munich, DECORATIVE ARTIST in FRESCO, and in all other manners of Painting; whose works may be seen in the principal public buildings of the metropolis, begs to inform his patrons, and Architects in particular, that he has considerably increased his Establishment, and is now enabled to undertake, on the shortest notice, the embellishment of private and public buildings, in any part of the United Kingdom, on the most reasonable terms, and in any of the Classical, Mediæval, or Modern Styles.—Apply to F. SANG, Decorative Artist, 88, Pall-mall, London.

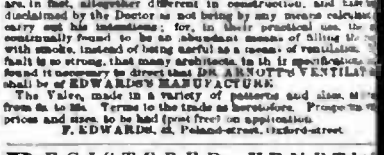
BATHS and CHURCHES.—Many are not yet aware that a good sight-inch BOILED THERMOMETER is now manufactured complete for ONE SHILLING, or with an enamelled tube adapted for baths at ONE SHILLING and SIXPENCE. A stranger and ornamental kind for public baths and churches. A selection may be made from the Thousand Thermometers at BENNETT'S, 65, Cheapside, manufacturer to the Royal Observatory, the Admiralty, and the Board of Ordnance.

FOR WATERING GARDENS, DISTRIBUTING LIQUID MANURE, BREWERS' USE, &c.

PATENT VULCANISED INDIA-RUBBER HOSE-PIPES AND FLEXIBLE GARTUBING.

JAMES LYNE HANCOCK (sole Licensee and Manufacturer), Goswell-road, London. These pipes are well adapted for watering gardens, conveying liquid manure, racking beer and cider, for portable gas lamps, and all purposes where a perfectly sound waterproof and flexible pipe is required. Hot liquors or acids do not injure them; they are, therefore, much used for chemical purposes, as they require no oil or dressing when out of use; are particularly suitable for fire-engines, and are found exceedingly useful in dwelling-houses, for conveying hot or cold water to baths, &c. Testimonials and prices may be had on application to the manufactory. N.B.—Vulcan and India-Rubber Garden Hose, fitted up with rose, jets, and branches complete, with union joints ready to attach to pumps or water-cisterns. All orders or letters addressed to J. L. Hancock, Goswell-mews, Goswell-road, London, will meet with immediate attention. Waterproof fishing boots and stocking, portable india-rubber baths, shower and sponging baths, air cushions and beds, made all sizes to order.

DR. ARNOTT'S VENTILATING CHIMNEY VALVE.

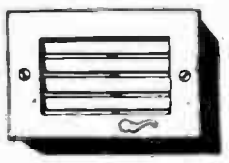


as made on the true principles, and under the immediate direction of Dr. Arnott. All architects and builders are respectfully informed, that to secure ventilation really constructed on Dr. Arnott's principle, they must be procured from the original manufactory. Great abuse has arisen, and repeated failures have taken place through the use of valves purporting to be Dr. Arnott's, but which are, in fact, altogether different in construction, and have been disclaimed by the Doctor as not being by any means calculated to carry out his intentions; for, in their practical use, they are continually found to be an abundant means of filling the room with smoke, instead of being useful as a means of ventilation. Fault is so strong, that many architects, in their specifications, have found it necessary to direct that DR. ARNOTT'S VENTILATOR shall be of EDWARDS'S MANUFACTURE.

The Valve, made in a variety of patterns and sizes, at prices from 6s. to 18s. Terms to the trade as heretofore. Prospectuses, prices and sizes, to be had (post free) on application.

F. EDWARDS, 48, Poland-street, Oxford-street.

REGISTERED VENETIAN VENTILATOR



For admission of external air or carrying off impure air in rooms, from 4s. 6d. each.—Class 28, Great Exhibition.

J. H. BODBRYER and CO., Ironmongery, Brass Founders, and Tool Warehouse, 14, Stanhope-street, Clare-market. Established nearly five years for the sale of goods from the manufactories at the lowest prices.

VENTILATION—PURE AIR.

Sheringham's Ventilator, for the admission of pure air without draught.

EXTERNAL WALL.

With single pulley, from 6s. each; with double pulley, from [illegible]

These Ventilators are so arranged that the requisite quantity of air may be admitted for the due ventilation of an apartment without the slightest draught being felt by the occupants; and if they are placed in the external wall, their action is most important when the house is closed for the evening, at which time a copious supply of fresh air is most required.—HAYWARD, BROTHERS, sole Manufacturers, 194, Blackfriars-road, and 187, Union-street, Borough; and of all respectable ironmongers, builders, &c.

GREAT EXHIBITION, CLASS 28.

ROYAL PORCELAIN WORKS, WORCESTER, ESTABLISHED A.D. 1751.

MESSRS. CHAMBERLAIN and CO.,

Manufacturers to her Majesty and the Royal Family, beg to inform the Nobility, Gentry, and Public, that their Royal and New Show Rooms are open for the inspection of visitors daily from nine a.m. to six p.m.

Cards of admission to be had on application at the office of the manufactory, Diglis-street, Worcester, and the principal houses in the town.

Worcester, June, 1851.

ILLUSTRATED TRADE LISTS; containing much information useful for reference; also [illegible] cited testimonials respecting a MATERIAL which, when [illegible] wrought, is probably superior to every other for drains, or [illegible] for ridges, hips, valleys, and every part of roofs, for plain or [illegible] quered floors, for paving and erections, of a strong and durable nature, also many other purposes, supplied genuine by THOMAS PEAKE (proprietor of Peake's "Terra-Metallic," No. 1 WHARF, CITY-ROAD BASIN, LONDON, and at THE TILERIES, TUNSTALL, STAFFORDSHIRE. The lists contain both prices by number and approximate cost by measure. If a [illegible] letters be prepaid, and state if Staffordshire or London specimens wanted. Specimens at the GREAT EXHIBITION, Class [illegible], No. 1311, having been at first No. 1111.

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